PATENT

OIPE JUN 10 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

application of:

Vandlik et al.

Attorney Docket No.: F-5482 DIV 2

Serial No.:

10/828,440

Examiner: Unknown

Filed:

20 April 2004

Group Art Unit: Unknown

For:

Blood Processing Systems with Fluid Flow Cassette with a Pressure Actuated

Pump Chamber and In-Line Air Trap

Mail Stop Non-Fee Amendment Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

AMENDMENT TRANSMITTAL

1. Transmitted herewith is an amendment for this application.

STATUS

- 2. Applicant is
 - [] a small entity
 - [x] other than a small entity.

CERTIFICATE OF MAILING (37 CFR 1.8(a))

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United State Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed as follows: Mail Stop Non-Fee Amendment, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450

Date: 7 June 2004

Judith Dunaway

Type or print name of person mailing paper

ignature of person mailing paper)

(Amendment Transmittal [9-19] -page 1 of 4)

EXTENSION OF TERM

NOTE:	TE: "Extension of Time in Patent Cases (Supplement Amendments) - If a timely and complete response has be Non-Final Office Action, an extension of time is not required to permit filing and/or entry of an additional an expiration of the shortened statutory period.							
	a Notice the timel	of Appeal y-filed resp	or filing and/or entry of an additional amendment a	ension of time is required to permit filing and/or entry of after expiration of the shortened statutory period unless nce. Of course, if a Notice of Appeal has been filed within of December 10, 1985 (1061 O.G. 34-35).				
NOTE:	See 37 CFR 1.645 for extensions of time in interference proceedings and 37 CFR 1.550(c) for extensions of time reexamination proceedings.							
3.	The p	oceedir	ngs herein are for a patent application	and the provisions of 37 CFR 1.136 apply				
			(complete (a) or (b) as app	olicable)				
	(a)	[]	Applicant petitions for an extension of 1.17(a)-(d) for the total number of mo	of time under 37 CFR 1.136 (fees: 37 CFR onths checked below:				
[]	Extens (month one m two me three r four m five me	onth onths nonths onths	Fee for other than Small Entity \$ 110.00 \$ 420.00 \$ 950.00 \$1480.00 \$2010.00	Fee for <u>Small Entity</u> \$ 55.00 \$ 210.00 \$ 475.00 \$ 740.00 \$1005.00				
			Fee: \$					
	If an a	dditiona	l extension of time is required please of	consider this a petition therefor.				
	(check and complete the next item, if applicable)							
	[]	therefo		s already been secured and the fee paid from the total fee due for the total months				
	Extension fee due with this request: \$							
			OR					
	(b)	[×]		sion of term is required. However, this provide for the possibility that applicant has rapetition for extension of time.				

FEE FOR CLAIMS

4. The fee for claims (37 CFR 1.16(b)-(d)) has been calculated as shown below:

	Claims Remaining After Amendment	Highest No. Previously Paid For	Present Extra	Rate	Additional Fee (Small Entity)	Additional Fee (Large Entity)
Total Claims 37 CFR 1.16(c)*	2	-20 =	(18)	x \$ 9.00	\$0	\$0
Independent Claims (37 CFR 1.16(b)**	1	-3 =	(2)	x \$ 43.00	\$0	\$0
First Presentation of Multiple Dependent claim(s) if any (37 CFR 1.16(d))				\$145.00	\$0	\$0
Total Additional Fee	,				\$0	\$0

^{*} If the "Highest No. Previously Paid for" IN THIS SPACE is less than 20, enter "20".

The "Highest No. Previously Paid For" (Total or indep.) is the highest number found in the appropriate box in Col. 1 of a prior amendment or the number of claims originally filed.

WARNING: "After final rejection or action (S 1.113) amendments may be made cancelling claims or complying with any requirement of form which has been made." 37 CFR S 1.116(a) (emphasis added).

(complete (c) or (d) as applicable)

			(complete (e) of (a) as applicable)
	(c)	[x]	No additional fee for claims is required.
			OR
	(d)	[]	Total additional fee for claims required \$
			FEE PAYMENT
5.	[]	Attacl	hed is a check in the sum of \$

Charge Account No.____ the sum of \$____.

[]

A duplicate of this transmittal is attached.

^{**} If the "Highest No. Previously Paid For" IN THIS SPACE is less than 3, enter "3".

FEE DEFICIENCY

NOTE: If there is a fee deficiency and there is no authorization to charge an account, additional fees are necessary to cover the additional time consumed in making up the original deficiency. If the maximum, six-month period has expired before the deficiency is noted and corrected, the application is held abandoned. In those instances where authorization to charge is included, processing delays are encountered in returning the papers to the PTO Finance Branch in order to apply these charges prior to action on the cases. Authorization to charge the deposit account for any fee deficiency should be checked. See the Notice of April 7, 1986, (1065 O.G. 31-33).

6. [x] If any overpayment of fees or additional extension and/or fee is required, charge Account No. <u>06-2360</u>.

AND/OR

[x] If any overpayment of fees 06-2360	additional fee for claims is required charge Account No		
	SIGNATURE OF ATTORNEY		
Reg. No.: 29,243	Daniel D. Ryan TYPE OR PRINT NAME OF ATTORNEY		
Tel. No.: (262) 783 - 1300	RYAN KROMHOLZ & MANION, S.C.		
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Actuated Pump Chamber and In-Line Air Trap

Preliminary Amendment

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Sir:

The Examiner's attention is directed to the Information Disclosure Statement that accompanies this Amendment.

Please amend the claims before the first office action as follows: